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MONTANA

Industrial Horizons

STATE PLANNING BOARD

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May 21, 22, and 23 in Lewistown

Inventors and Manufacturers to Meet

A newfangled sickle sharpener, dust mop cleaner, reciprocating hydraulic engine, electro cabinets, stereo pillows, and a cattle chute, are a few of the inventions to be on display at the first annual Montana Inventors Congress and Manufacturers Display in Lewistown, May 21, 22 and 23.

It is estimated that there are 600 inventors in Montana, and they will have an opportunity to discuss their mutual problems at the Congress and exhibit their inventions to persons who may want to finance, purchase or enter into a royalty agreement on an invention. Inventors from surrounding states are also welcome to attend.

Incorporated with the inventors' exhibit will be a display of products manufactured in Montana.

A number of out-of-state manufacturers, such as Minnesota Mining and Manufacturing, Minneapolis-Honeywell, and others will be sending representatives.

New Directory of Manufacturers

A new directory of Montana manufacturers has recently been printed and is available from the State Planning Board.

The 1965-66 MONTANA DIRECTORY OF MANUFACTURERS AND BUYERS GUIDE includes an alphabetical listing of firms by name, by county, and according to the Standard Industrial Classification.

The manufacturers directory is one of the publications most requested by both in-state and out-of-state businessmen, and the State Planning Board has attempted to add to and improve each new edition. Added this year is an alphabetical list of all products manufactured in the state, with the SIC reference indicated so the user can easily locate the company which manufactures the item.

The new directory also contains extensive statistical information on the economy of Montana, population, employment, and miscellaneous other facts for various years.

The directory is available from the State Planning Board, Helena, Montana, for \$2.00.



B. G. MacNabb, manager of operations for General Dynamics Convair at Cape Kennedy, will be in Lewistown May 21-23 to address the Montana Inventors' Congress. He is the man responsible for the flight test program of the free world's first operational ICBM; the Atlas/Mercury manned space flight project; the Atlas/Agena space exploration project; and the Atlas/Centaur deep space exploration program. He served in the Navy during World War II and received a presidential citation for development of the first anti-kamikaze and anti-aircraft weapon. He is a graduate of the Illinois Institute of Technology and a member of the American Institute of Aerospace and Astronautics.

Congress Program

Registration and setting up of exhibits will take place from noon to 9:00 p. m. on Thursday and from 8:00 a. m. to 11:00 a. m. on Friday. Exhibits will be on display Friday, Saturday and Sunday from noon to 6:00 p. m. for viewing by the public.

Social events start off Friday evening with a smorgasbord and Bierstube for registrants and speakers at the Yogo Inn.

Saturday morning there will be an Inventors' Breakfast at 7:00 a. m. at the Inn. Congress participants will be welcomed by Charles W. Cooley of Lewistown, general chairman for the Congress, followed by Lewis Boucher, president of the Lewistown Chamber of Commerce, and Bill Bell, president of the Montana

Chamber of Commerce. There will be talks by a number of speakers on topics which will be of great interest to the inventor attempting to put his products on the market. Among the speakers will be John Durr, trade specialist from the U. S. Department of Commerce, Seattle regional office; Martin Powers, loan specialist from the Small Business Administration, Helena; a representative from the U. S. Patent Office in Washington, D. C., Dwight N. Mason, patent attorney, Missoula; R. C. Setterstrom, manager of area development for the Montana Power Co., Butte; Thomas Judge, president of Judge Advertising, Helena; Dr. Norman Taylor, from the School of Business Administration, Montana State University,

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Community Development Conference In Livingston May 6-7

A Community Development Conference will be held in Livingston May 6 and 7, and all Civic and industrial development groups are urged to send representatives.

The meeting is being held in conjunction with the annual meeting in Livingston on May 5 of the Montana Association of Chamber Executives (MACE).

On Thursday morning, May 6, a panel, headed by E. G. Kellner, business manager and secretary-treasurer of the Montana Chamber of Commerce, will discuss new laws in the field of industrial development as well as urban renewal, city-county planning and related topics.

H. W. Shinrock of Anaconda, executive director of the Deer Lodge County Industrial Development Corporation, will talk primarily on HB 361, the new state industrial revenue bond law. City-County planning legislation will be reviewed by Neil Keefer, Billings attorney, who

Glass Cutter Made by B & B Industries

A glass cutter with built in pressure springs to relieve the operator of having to apply force has been designed by a Missoula man.

Herb Barrett, inventor and manufacturer of the device, describes the operation as a mere **flip, flip and zip** . . . a flip of two handles to anchor the glass and a zip to score it.

The tool consists of a cutting bar mounted on a 2'x3' sheet of 3/4" plywood. Two channels welded back to back make up the bar assembly. Support bolts mounted on springs allow the bars to move up and down. The glass is placed between the two bars, and the handles at either end are flipped down to hold the glass firmly. The spring mounting supplies the pressure to hold the glass in place.

A standard cutting wheel, wheel support, support spring, frame rollers and frame make up the cutting unit. A pulley system activates the cutter, on a movement ratio that pushes it along at twice the speed of the operator's movement. The cutting wheel support is spring-loaded, giving full floating power to the wheel.

Once the glass is scored, the operator merely presses on the bar assembly to pop the cut.

The unit is portable and can be used in almost any position, flat or standing upright. A scale along the lower edge acts as a straight edge and measure. A 32" cut is possible with this unit.

Barrett manufactures the cutter under the company name of B & B Industries, 525 Burlington Ave., Missoula, Montana. He has advertising flyers available for interested distributors or users.

draw up legislation for the Montana Association of Planning Boards for introduction in the 1965 legislature. K. C. Brown, chairman of the Great Falls Chamber of Commerce Urban Renewal Committee, will discuss urban renewal legislation as amended this year. State Planning Board Director, Sam Chapman, will discuss the new legislation and how it affects the State Planning Board and the programming for the coming year.

Presentations by the panelists will be followed by a general discussion period to allow for questions and answers among the panelists and conferees.

During the afternoon, the conference will be addressed by Richard L. Baily of Minneapolis, manager of the northwest division of the Chamber of Commerce of the United States; and Jack Tallent of Washington, D. C., community development specialist for the U. S. Chamber. In addition, one or two local Chamber managers from the Northwest area who have had experience with community development under the U. S. Chamber plan will attend and take part.

"Experience" people from Montana—local leaders who have had both success or lack of it in community development work—will also participate. Program planners believe their experiences will be valuable for those about to embark on such development.

The meeting will be held in the Elks Club in Livingston.

Municipal officials, such as city and county planning board members, mayors, and commissioners have also been contacted regarding the conference since much of the discussion will be of interest to them as well as to industrial development people.

In addition to MACE, sponsors are the Montana Chamber of Commerce and the State Planning Board.

Mines Bureau to Survey Needs and Resources

A concerted two-fold program of the Montana Bureau of Mines and Geology is designed to effect greater coordination between consumers of industrial minerals and Bureau industrial mineral surveys in the state. The program consists of (1) establishing the present and near-future industrial minerals needs of manufacturers within marketing distance of Montana, and (2) establishing a comprehensive file on industrial mineral deposits in the state.

To effect results in both phases of the program, manufacturers in Montana and neighboring states and provinces, and individual owners and prospectors are being canvassed for data on needs and sources of mineral commodities. Industrial mineral deposits for which "Requests for Examinations" are received will be examined and evaluated by Bureau geologists as time and funds per-

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In the News . . .

Big Mountain ski resort at **Whitefish** is colorfully promoted in a big new Great Northern Railway travel poster. It has had wide distribution by the company's traffic representatives in 60 U. S. and Canadian cities.

* * *

Pacific Power & Light Co., Kalspell, has budgeted over \$1 million for 1965 expansion of its electric and telephone systems in the Flathead Valley. More than half of this will go toward installation of a new telephone exchange and service equipment.

* * *

Lodge Grass Grain and Seed Co. will begin construction of a \$500,000 alfalfa dehydrator, feed mill, pellet mill, storage and feed lot plant in **Lodge Grass** in April. The new plant will employ about 30 people, and another 100 as needed during peak periods.

* * *

Montana Flour Mills, Great Falls, has completed purchase of a large **Ralston Purina Co.**, feed plant at **Oakland, California**. They are now building a flour mill on this property. The company expects the acquisition to improve its competitive position in the California market by providing bulk service facilities which can be utilized by its Montana plant as well as the new mill. This will permit the company to move much more of the hard wheat milled in Montana into California markets.

* * *

Bonneville Power Administration will construct a substation at the site of the **Anaconda Aluminum Co.** plant at **Columbia Falls** to enable delivery of an additional 64,000 kilowatts of firm power required for potline expansion at the aluminum plant. Low bid on the project was \$231,287.

* * *

Victor Chemical Works, at Butte, has added a unit to permit conversion of intermediate process material to a new finished product—superphosphoric acid. The product is being marketed to fertilizer manufacturers and others in the Rocky Mountain area, western Canada and the Pacific Northwest.

* * *

Needham Packing Co. assets will be acquired by **Rath Packing Co.** of **Waterloo, Iowa**, on June 4. The sale includes the plant operated at **Great Falls** by **Needham Packing Corp. of Montana**. Rath operates 11 plants in the midwest and is one of the largest processors of pork exclusively in the country. Needham has four beef processing plants, and ranks 11th among U. S. meat packers.

NEW LAWS FOR INDUSTRIAL FINANCING, PLANNING

Industrial Revenue Bond Law

Montana local governments now have an industrial development technique available for financing private industrial projects.

The industrial revenue bond law recently passed by the legislature permits Montana counties and incorporated cities to issue revenue bonds for the purchase of land, construction of buildings, and securing machinery and equipment, for a desirable industrial firm interested in establishing a plant in Montana.

The law is similar to that which is in use in a number of other states to finance new industry and help existing industry to expand.

Plans are underway now to provide a court test of the law, and if its constitutionality is upheld by the Supreme Court, Montana will then be competitive with the other states which use this method of financing new industry.

Briefly, this is what the law provides:

- Any county or incorporated city in Montana may issue revenue bonds to finance either a new industry or expansion of an existing plant. The issue may be for a sufficient amount to not only retire the bonds, but pay the interest on them.

- The city or county may grant a lease period of up to thirty years. The lessee may obtain an option to purchase the plant after his lease expires or on such terms and conditions as may be mutually acceptable to both parties.

- The law can only be applied to manufacturing or processing industrial firms. It cannot be applied to retail, sales and service, or warehouse companies.

- A city can issue revenue bonds for construction of an industrial plant either within the city's limits or outside the boundaries, or partially within and without the city limits.

- Only the interest earned on the bonds is free from federal and state taxes. Even though the city or county issuing the bonds is the owner of the plant property, the lessee of the plant must pay taxes. The plant property is assessed just like any private property in the State. (Under a 1961 law, all new industry in Montana is taxed at a rate of only 7 per cent of the assessed value for the first three years of operation, instead of at the usual 30 per cent rate).

- The revenue bond is not backed by the taxing powers of the city or county, only by the credit of the company for whom they are issued.

- Bonds and interest coupons, issued under the authority of this law, shall not constitute an obligation or liability of the city or county or a charge against its general credit or taxing powers.

Many city councils or county boards would not be qualified to handle financial arrangements of this kind. But the investment agent chosen to sell the bonds

Planning, Urban Renewal Laws

The 1965 legislature passed three planning bills and eliminated the election required before a community could undertake planning for urban renewal.

The Montana Association of Planning Boards sponsored drafting of the bills designed to facilitate planning in the state. The bills, prepared by Neil S. Keefer, Billings attorney, were House Bills 417, 418, and 419. House Bill 418, extending the jurisdictional limits of planning boards from 4½ miles to 12 miles beyond the city limits, was killed by one vote in the Senate upon final reading.

House Bill 417, Chapter 133, Montana Session Laws 1965, amends section 11-3827, R.C.M. 1947, to permit a city, county, or city-county planning board to accept, possess, own, and hold any gift of property to be utilized for planning purposes. Under the previous law, only the city and county were authorized to accept gifts and donations for planning purposes. The amended law makes it possible, for example, for a planning board to own land to be used for a park.

House Bill 419, Chapter 190, authorizes specific planning projects outside the jurisdictional area (4½ miles from the city limits) by the city-county planning board if requested by the board of county commissioners. This law also enables the county to qualify for any federal planning assistance programs.

Presently, there are two programs which make it mandatory that Montana have such enabling legislation. First, under the Federal Housing Act, as amended, counties are now eligible areas for planning grants. Under this program, grants are available for planning purposes for two-thirds of the total cost of planning. (Areas classified as Redevelopment Areas may receive up to three-fourths of the total cost in the form of grants.) Secondly, in 1964, Congress passed Public Law 88-608 which autho-

provides the services of a financial consultant, without charge, to steer the paper work and legal requirements through the governing body. They earn their fee through commissions selling the bonds.

The investment agency then appoints an attorney, bank or other qualified person to collect the rent from the industrial firm leasing the property.

The agency will conduct a thorough credit check of the company requesting revenue bond financing, since the bonds could not be sold for a questionable industry. Also, the bond issue cannot be used for operating capital. So there is protection against promiscuous use of a bond issue to finance a project for a firm with less than desirable credit.

Copies of House Bill 361 as passed by the 1965 Legislature will be available from the State Planning Board, Helena, upon completion of the court test of the law, assuming that the courts rule it to be constitutional.

rizes the Secretary of the Interior to sell federal lands required for community growth and those lands chiefly valuable for residential, commercial, agricultural, industrial or public uses. However, before these lands can be sold they must be planned and zoned. It is necessary that a city-county planning board be organized to expediently carry forward the provisions of the above acts.

A third planning bill passed by the Montana Legislature affected city-county planning boards. This was House Bill 450, amending Section 11-3810, R.C.M. 1947, changing slightly the membership of city-county planning boards. The law states that a city-county planning board shall consist of not less than nine members: two official members appointed by the board of county commissioners, two by the city council, two citizen members appointed by the mayor, and two (rather than three) by the county commissioners. The ninth member shall be selected by the other eight officer and citizen members.

Closely allied to planning by city-county planning boards is urban renewal. Montana urban renewal law was unique in the United States prior to the 1965 legislative session in that two elections were necessary before any urban renewal project could be undertaken. In fact, the first election was to decide whether planning could commence on a renewal project. The 1965 legislature, by passing House Bill 179, eliminated the first election so that it is now possible for Montana communities to plan urban renewal projects without an election. After the plans have been prepared and

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Federal Research Info Available to Industry

Getting "spin-off" technology from Federal research into the hands of industry for use in expanding and improving product lines and processes is the object of the newly improved U. S. Department of Commerce program developed by the Institute for Applied Technology of the National Bureau of Standards.

An important part of this new program is the "Fast Announcement Service" designed to help sort out and inform industry promptly concerning new government research and development reports of interest to them. Technical papers are sorted into 49 industrial subject areas, listed on a "Special Announcement" sheet, to permit pinpointing dissemination of the announcements; subject areas range from acoustics, through materials handling, to wood and paper.

This "Fast Announcement Service" is available without charge to any interested firm or individual requesting it. Ask for a "Special Announcement" sheet with checklist for fields of interest, from the Seattle Field Office, U. S. Department of Commerce, 809 Federal Office Building, Seattle, Washington 98104.

INVENTORS CONGRESS

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Missoula; Hoyt Larison, president of the Montana Manufacturers Association and the Columbia Paint Co., Helena; and Alex K. Sample, Jr., president of the Conrad National Bank, Kalispell.

Following the talks, there will be an open forum for discussion of inventions and their development. The speakers will be available throughout the Congress for individual counseling of registrants and others who may have questions regarding particular problems associated with their inventions.

MacNabb of General Dynamics Co. to Speak

Featured speaker at the banquet Saturday evening will be B. G. MacNabb, vice-president of the astronautics division of General Dynamics Company. MacNabb is manager of the company's base operations at Cape Kennedy.

Master of ceremonies for the banquet will be Warren Will, executive vice president of the Northwestern Bank of Lewistown; and Sam Chapman, director of the State Planning Board, will also address the Congress.

Prizes for the best inventions will be awarded on Sunday.

Sponsors of the Inventors' Congress and Manufacturers Exhibit are the State Planning Board, Montana Chamber of Commerce, the Lewistown Chamber of Commerce, and the Montana Manufacturers Association. Walter E. Kittler, of the Office of Innovations and Inventions, U. S. Department of Chamber, is assisting with arrangements.

Register Early

Registration information may be obtained from the Lewistown Chamber of Commerce. Inventors and manufacturers are urged to send in their registrations early to be assured of exhibit space.

URBAN RENEWAL LAWS

(Continued from page 3)

the project has been outlined, it is then necessary to take the issue to the voters and let them decide on the merits of a specific urban renewal program.

New Publication

The Plainsman, a business review magazine of the Missouri Basin and central United States, has just circulated its first issue. Montana is included in its coverage and this first issue contains a short article on our export of wheat and the increasing popularity of dude ranches. Oscar Chaffee of Billings is the contributing editor for Montana. Subscriptions are available for \$6.00 per year from the Plainsman Publishing Co., Inc., 528 Electric Bldg., Omaha, Nebraska.

Phone Co. Construction Program Continues

For the fifth year in succession, Mountain States Telephone Co. plans a construction program of about \$12 million in Montana in 1965.

The company now serves a record 237,300 telephones in the state, up 6,400 over the previous year. Dial change-overs completed last year increased the total dial telephones to 97 per cent.

Projects underway for completion this year include exchange dial facilities at Hamilton, Malta, Wolf Point and Forsyth. The new touch tone system, which eliminates rotary dialing, was put into operation in Miles City the first of March.

The firm has under construction a \$477,000 microwave communications system extending 87 miles from Havre to Malta, and will soon begin an extension of this system from Forsyth to Billings.

The company is also working on the nuclear test detection facilities being installed in the Miles City-Glendive region by the Department of Defense.

Besides Montana, Mountain States serves Arizona, Colorado, Idaho, New Mexico, Utah, Wyoming and El Paso County, Texas.

\$15 Million Power Project

The Montana Power Co. is investing over \$15 million this year to expand facilities serving the utility's 23,000 electric and natural gas customers in Montana.

Construction of a 230,000 volt electric transmission line from Hot Springs to Anaconda will be one of the major projects.

The 150-mile line will connect with facilities being constructed from the Washington Water Power Co. plant at Noxon. It forms the first link in a planned five-company program to interconnect major investor-owned utilities in Montana, Washington, Idaho, Utah and Wyoming. Work on the \$4 million project began in February.

A 41-mile section of the utility's transmission lines in the Sun River area will be rebuilt from a point near Fairfield to Conrad to handle expanding load requirements.

Also scheduled is pre-construction planning and engineering on a steam electric generating plant in Billings. The 180,000 kilowatt plant will use fuel from the company's extensive coal reserves at Coalstrip. It is planned for completion in 1968 or 1969.

MINES BUREAU TO SURVEY

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mit. Priority for examination will be given to those deposits that contain mineral commodities in greatest demand by manufacturers.

Manufacturers and individuals not canvassed but having knowledge of industrial mineral deposits in Montana and who can contribute information to this survey are requested to write the Montana Bureau of Mines and Geology, Main Hall, Montana School of Mines, Butte, Montana.

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Reports on business concerns appearing in this publication do not constitute an endorsement of either the concern named or its products. Statements in this newsletter do not reflect Board policy unless official action is reported.

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